



**AUDIOVOX®**  
**ELECTRONICS CORP.**

# **Installation and Operation Manual**

## **VE700**

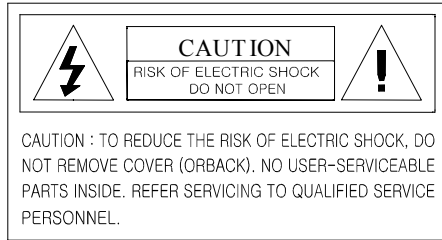
### **Low Profile Television**



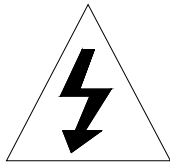
- Multi-function Remote Control
- Built-in Hands Free Speaker Phone
- Cable Ready 125 Channel TV Tuner
- Internal Stereo Speakers
- Under Cabinet / Table Top Mounting
- A/V Input
- AM/FM Radio Tuner

## INTRODUCTION

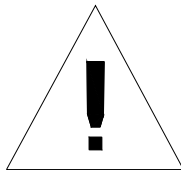
**WARNING** – To prevent fire or shock hazard, do not expose this unit to moisture.



**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol is intended to alert the user to the presence of uninsured “**dangerous tag**” within the product’s enclosure that may be of sufficient magnitude that may constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**TO PREVENT ELECTRIC SHOCK: DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.**

**INFORMATION**

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacture's instructions, may cause interference to radio and found to not comply with the limited for a Class B computing device in accordance with the specifications in Subpart J of Part 15 or FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

## IMPORTANT SAFETY INFORMATION

- 1. Read Instructions** – All the safety and operating instructions should be read before the product is operated.
- 2. Retain Instructions** – The safety and operating instructions should be retained for future reference.
- 3. Read Warnings** – All warnings on the product and in the operating instructions should be adhered to.
- 4. Follow Instructions** – All operating and use instructions should be followed.
- 5. Cleaning** – Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol. Use a damp cloth for cleaning. Do not apply pressure to the LCD screen. Excess pressure can damage the screen.
- 6. External Accessories** – Do not use external accessories not recommended by the product manufacturer, as they may cause a hazard.
- 7. Water and Moisture** – Do not use this product near water – for example, near a bath tub, wash bowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, or similar situations.
- 8. Mounting considerations** – Do not place this product on an unstable cart, stand, tripod bracket, or table. The Product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacture, or sold with the product. Any mounting of the product should follow the manufacture's instructions, and should use a mounting accessory recommended by the manufacturer.
- 9. Carts** - A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
- 10. Ventilation** – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided.
- 11. Power Sources** – This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your product dealer or local power company. For products intended for operation from battery power or



other sources, refer to the operating instructions.

- 12. Grounding or Polarization** – This product may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still cannot be inserted, contact your electrician to replace your outlet. Do not defeat the safety purpose of the polarized plug.
- 13. Power-Cord Protect** – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
- 14. Outdoor Antenna Grounding** – If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded in order to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provide information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrode (Refer to the figure on page 6).
- 15. Lightning** – For added protection of this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
- 16. Power Lines** – An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuit, or where it can fall into such power lines or circuits. When installing on outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
- 17. Overloading** – Do not overload wall outlets, extension cords, or integral convenience receptacles, as this can result in a risk of fire or electric shock.
- 18. Object and Liquid Entry** – Never push objects of any kind into this product through openings in the chassis as they may touch dangerous voltages points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
- 19. Servicing** – Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltages or other hazards. Refer to qualified service personnel.
- 20. Damage Requiring Service** – Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions.
  - A. When the power-supply cord or plug is damaged.
  - B. If liquid has been spilled, or object have fallen into the product.
  - C. If the product has been exposed to rain or water.
  - D. If the product does not operate normally by following the operating instructions. Adjust only

those controls that are covered by the operating instructions, as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.

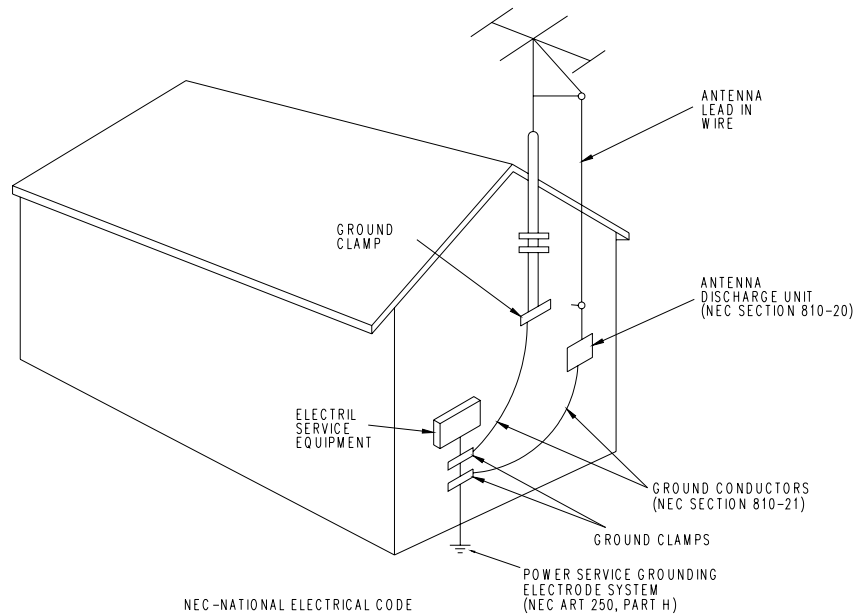
- E. If the product has been dropped or damaged in any way.
- F. When the product exhibits a significant change in performance – this indicates a need or service.

**21. Replacement Parts** – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

**22. Safety check** - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

**23. Mounting** – The product should be mounted only as directed in this manual.

**24. Heat** – The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.



## IMPORTANT SAFETY INFORMATION

- 1) Unplug the unit before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 2) Use only Audiovox approved accessories.
- 3) Do not install the product where it is likely to be exposed to water.
- 4) Do not obstruct the slots and openings in the cabinet. They are provided for ventilation and are necessary to ensure reliable operation of the unit and to protect it from overheating. This unit should never be placed near or over a radiator or heat register.
- 5) Do not overload electrical outlets or use extension cords as this can result in risk of fire or electric shock.
- 6) Never push objects of any kind into this unit through openings as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill liquid of any kind on the unit.
- 7) **Do not attempt to service the VE700 yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.**
- 8) Unplug the VE700 from the outlet and refer servicing to qualified service personnel under the following conditions:
  - a) If the unit has been exposed to water.
  - b) If the does not operate normally when following the operating instructions.
  - c) If the unit has been dropped or the cabinet has been damaged.

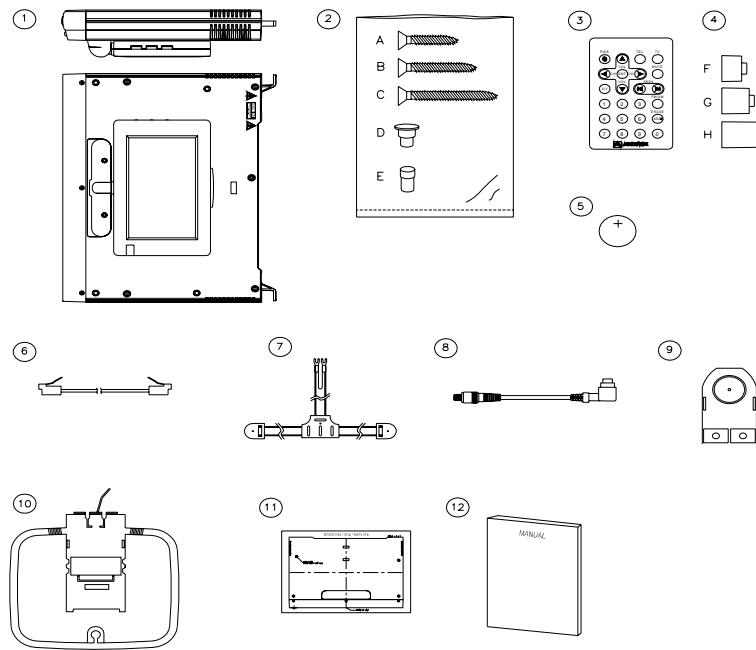
### - Cable System Installation:

Note to CATV system installer: "This reminder is provided to call the CATV (CABLE-TV) system installer's attention to article 820-40 of the NEC, that provides guidelines for proper grounding and, in particular, specified that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical"

### - Under cabinet mounting:

" CAUTION: to reduce the risk of fire, do not place any heating or cooking product beneath this unit"

# CONTENTS OF PACKAGE



## 1. VE700TVPhone

## 2. Hardware bag

- A. 3/4" Mounting screws (4)
- B. 1-1/4" Mounting screws (4)
- C. 1-1/2" Mounting screws (4)
- D. Foot (4)
- E. Hole cap (4)

## 3. Remote Control Unit

## 4. F. 1/4" Spacer (4)

## G. 1/2" Spacer (4)

## H. 3/4" Spacer (4)

## 5. Battery

## 6. Telephone Jack

## 7. FM Dipole Antenna

## 8. Angle Coaxial

## 9. FM Antenna Jack

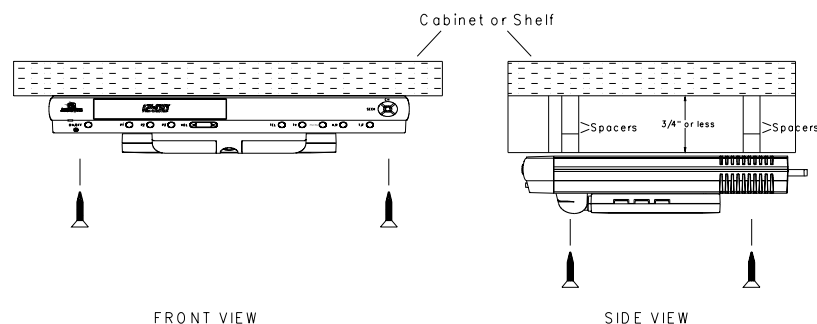
## 10. AM Antenna

## 11. Mounting Hole Template

## 12. Manual



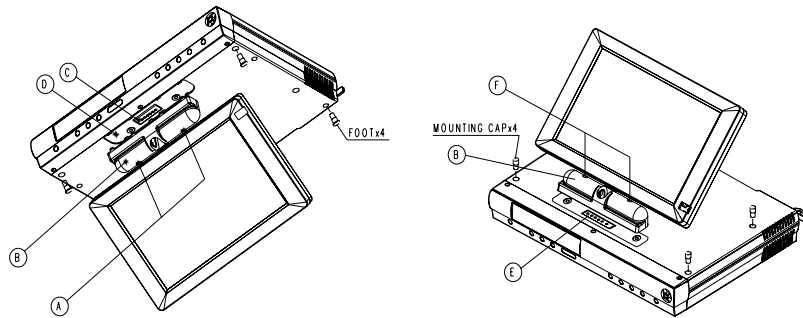
## UNDER CABINET INSTALLATION



- 1) Choose an appropriate mounting location underneath a cabinet or shelf. Close proximity to an electrical outlet, a TV antenna or cable connection and a telephone jack will facilitate a neat, easy installation. Do not mount the VE700 above a range or oven. Be sure that the location chosen will provide adequate access to the electrical connection on the rear of the unit before continuing.
  - 2) If the location chosen has bottom edge molding it may be necessary to use the mounting spacers provided to effectively lower the VE700 below or even with the molding. Measure the distance between the bottom and the bottom of the cabinet. For large molding choose a combination of spacers which will allow the VE700 to be secured to the bottom of the cabinet.
  - 3) Measure the thickness of the bottom of the cabinet or shelf and the spacers chosen. Select the shortest screw length, which will secure the VE700 to the bottom of the cabinet.
  - 4) Cut out the template supplied and tape it in place onto the cabinet surface to be drilled. Center punch the four holes indicated on the template and remove the template.
  - 5) Carefully drill four 1/8" holes at the locations marked above. Place the screws selected through the VE700 and then through the spacers (if required from the bottom-up)
  - 6) Position the VE700 and mount it in place using the selected screws. Do not over tighten.
  - 7) Connect your TV antenna or cable system to the antenna connector on the rear of the VE700.
  - 8) Attach the FM Dipole Antenna to the FM Antenna screws and position the antenna for the best reception.
  - 9) If using the speakerphone feature, plug the VE700 into a phone jack.
  - 10) Plug the AC power cable into the wall outlet.
- Route the wires safely away from heat and moisture sources and secure them in place using the self-

adhesive wire-mounting clip provided.

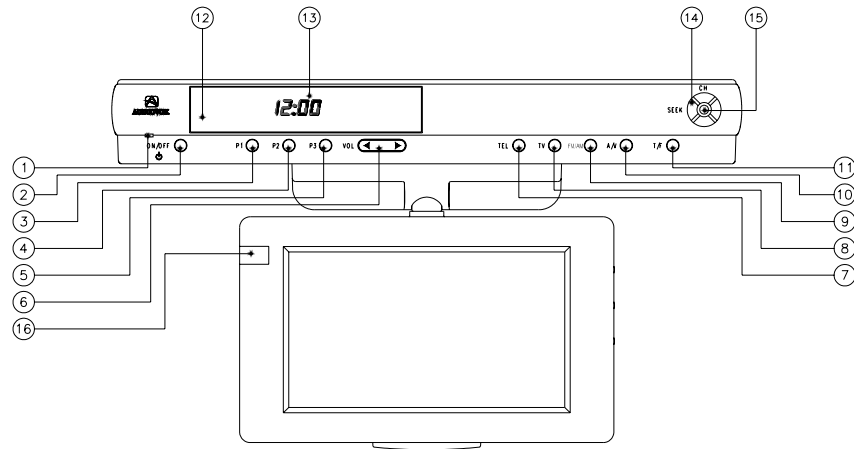
## COUNTERTOP/DESKTOP INSTALLATION



**NOTE: Use caution to avoid damaging the LCD screen and the main unit when converting this unit from an under-counter unit to a countertop unit. Leave the protective plastic on the screen until this procedure is completed.**

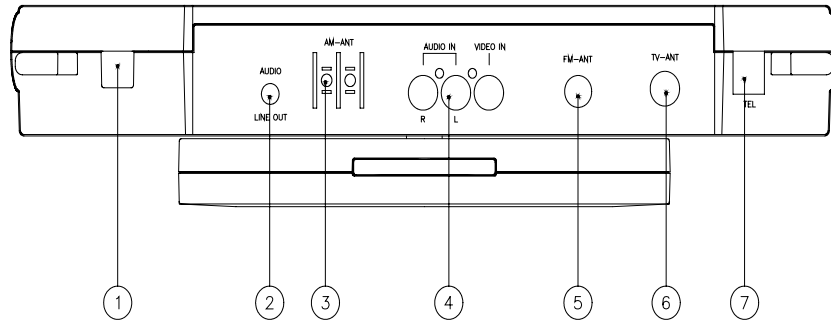
- 1) Place the unit (with the screen facing up) on a soft padded surface.
- 2) Pivot the screen so that it is perpendicular to the front of the unit. This will ease removal of the screen.
- 3) Using a small (#1) Philips screwdriver remove the screws from the areas marked A. Remove bezel B (and screen) from the unit by squeezing the back lower area of the bezel. Note: A small flat blade screwdriver may be inserted into the slots at the base of B. After B is removed, carefully unplug the connector from the base of the unit. (Be careful with the LCD screen to avoid damage)
- 4) Turn the unit back over and remove the cover from E using a small flat blade screwdriver and use it to cover D (the area where the screen was removed).
- 5) Connect the plug of the LCD monitor into connector E. Snap B into the top of the unit being careful to not damage the wires. Replace the screws in F. (**Note: Do not over-tighten.**)
- 6) Insert the rubber pieces (Foot, Mounting Cap - please refer to the illustration above) into the unit.

## FRONT PANEL CONTROLS



- 1) **MICROPHONE** – For hands-free speakerphone operation.
- 2) **ON/OFF BUTTON** – Power ON/OFF and Standby Condition. (Time Display).
- 3) **P1- User** – Selected Preset Channel “1” in the Radio or TV mode.
- 4) **P2 - User** – Selected Preset Channel “2” in the Radio or TV mode.
- 5) **P3 - User** – Selected Preset Channel “3” in the Radio or TV mode.
- 6) **Volume Control Button**
- 7) **TEL** – Selects the Hands-Free PSTN Speaker Phone function.
- 8) **TV** – Press this button to select TV mode of operation and change TV display mode.
- 9) **FM/AM** – Press this button to select Radio mode of operation.
- 10) **A/V** – Press this button to select AV mode of operation and change A/V display mode.
- 11) **T/F** – Press this button to display current channel. Press this button For a half second to active a AUTO PROGRAM. .
- 12) **Remote Infrared sensor**-This sensor receives infrared signals from the hand held remote control unit.
- 13) **LCD Display** – Displays the channel number, AM/FM frequencies, the time of day and auxiliary input.
- 14) **SEEK** – Press this button for the next available channel with sufficient signal strength.
- 15) **SET** – Confirms selection of TIME, ALARM, ALARM – Tone, TV- Mode or Menu item.

## REAR PANEL CONNECTIONS



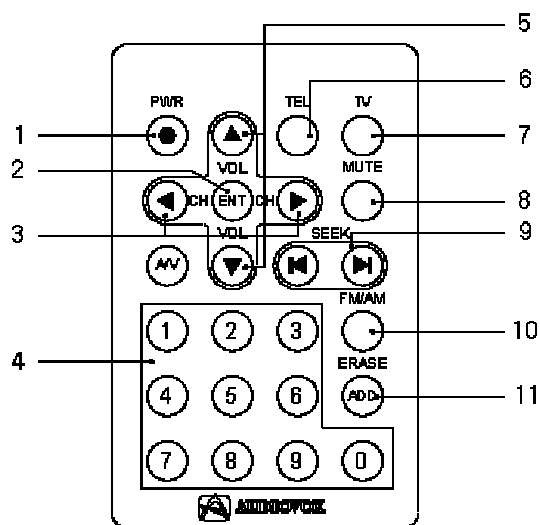
- 1) **AC LINE CORD** – Connects to AC input power outlet
- 2) **AUDIO LOW-LEVEL LINE OUT** – Connect to low-level input of stereo system or low-level input of computer speakers
- 3) **AM ANTENNA** - Allows the VE700 to be connected to an external antenna for the reception of AM broadcast signals.
- 4) **Audio/Video (A/V) Input Connector** –Support stereo audio and A/V input from an external source.
- 5) **FM ANTENNA** – Allows the VE700 to be connected to a 75-Ohm external coaxial antenna for the reception of FM broadcast signals.
- 6) **TV ANTENNA (75 OHM ANTENNA CONNECTOR)** -Allows the VE700 to be connected to a 75ohm external coaxial antenna
- 7) **TEL Jack** – Receives the Phone LINE INPUT.

## BATTERY INSTALLATION



- 1) Turn the Remote Control face down. Place a fingernail, or coin in the open slot, slide battery holder out.
- 2) Install the CR2025 battery into its proper slot.
- 3) Slide the cover back until it clicks.

## REMOTE CONTROL FUNCTIONS



### 1. POWER ON/OFF (PWR)

Press this button to turn the TV on. Press the button again to turn the TV off.

### 2. ENTER

AUTO PROGRAM. Press this button for half second to save all the stations on memory. (TV Channel)

### 3. CHANNEL UP/DOWN

Use these buttons to advance to the next higher or lower channel.

### 4. NUMERICAL BUTTONS (1~9, 0)

Use these buttons to make a direct channel selection.

### 5. VOLUME UP/DOWN BUTTONS (VOL)

Use these buttons to increase or decrease the volume.

### 6. TELEPHONE BUTTON (TEL)

Press this button to answer your telephone from your VE700.

### 7. TV

Select TV function and change TV display mode.

### 8. MUTE BUTTON (MUTE)

Press this button to remove all sound (Indicators blink on display window).

## **REMOTE CONTROL FUNCTIONS (Cont)**

### **9. SEEK BUTTONS (SEEK)**

Use these buttons to advance to the next higher or lower station.

### **10. FM/AM**

Each time this button is pressed, the VE700 will alternate between AM and FM.

### **11. ADD (ERASE)**

Saving or erasing the current station (TV channel).

## OPERATION

**Initial Setup:** This unit defaults to cable TV mode. When the unit is first powered on, it will detect the cable system and auto-program the TV tuner to the available stations. Please wait while the unit auto-programs before attempting to operate the unit. During this time the unit will not respond to any button at all. The unit will respond normally once the cable mode and channel search mode is concluded.

### CHANNEL TUNING SET UP

In addition to normal broadcast reception of VHF and UHF channels, if you are Cable TV subscriber, your new TV is capable of receiving many unscrambled Cable channels without the use of a converter box. When set to broadcast TV, it receives CH2-CH69. When set to one of the CATV modes (STD, HRC, or IRC) it receives CH1-CH125. **NOTE:** Most cable companies broadcast in STD Mode

**After a power interruption, the unit will go into a cable mode search (HRC, IRC, STD) and channel search mode automatically. During this time the unit will not respond to any button at all. The unit will respond normally once the cable mode and channel search mode is concluded.**

### POSITIONING THE SCREEN

Pivot the screen forward until a comfortable viewing angle is reached. The screen may also be rotated from side to side. Do not force the screen beyond its rotational limit. The VE700 is now ready for use. Pressing the PWR button on the TV or the remote will turn the system on or off. Remember to turn the unit off and pivot the screen to the closed position when not in use.

### SETTING THE TIME

**NOTE:** All settings will be performed with the VE700 turned off.

(Except SETTING THE PRESETS).

- 1) Press the SET button and the minutes will flash.
- 2) Use the CH up/down button to set the minutes.
- 3) Press the SEEK button to toggle between the hour and minutes.
- 4) Use the CH up/down button to set the hour. (Check AM/PM indicator)
- 5) Press the ON/Off button or T/F to return to the time display.



## **SETTING and ACTIVATING ALARM**

**NOTE:** The VE700 must be turned "OFF" when performing the following procedure.

- 1) Press the SET button (1) twice to and VE700 is in alarm mode indicated by six flashing LED's.  
A preset time will be displayed with the minutes portion blinking.  
(Alarm ACTIVATED mode, Alarm indicator "AL" on).

**NOTE:** If a series of dashes appear (--: --, Alarm DEACTIVATED mode) press the FM/AM button once to switch to the Alarm ACTIVATED mode.

- 2) Press the CH up/down buttons to set the desired hour/minute. When setting the check the AM/PM indicator to assure the proper setting.
- 3) Press the SEEK buttons to toggle between the hours and minutes.
- 4) Press the ON/OFF button or T/F button. The alarm is now set and activated.  
Once the alarm is set it will sound each day at the same time as long as it is activated.

## **DEACTIVATING ALARM**

- 1) Press the SET button twice to enter the alarm mode.
- 2) Press the FM/AM button once. The set time disappear from the Display Window and a series of dashes will appear (--: --, Alarm DEACTIVATED mode, Alarm indicator "AL" off).
- 3) Press the ON/OFF button or T/F button. The alarm is now deactivated.

**NOTE:** The set time will be stored in memory and can be reactivated whenever desired by performing steps 1)-3) of the DEACTIVATING ALARM procedure.

## **SETTING THE ALARM TONES**

- 1) Press the SET button twice (power off).
- 2) Press the A/V button once to hear the alarm tone.  
**NOTE:** Alarm must be in the "Activated" mode to hear tones.
- 3) Each time CH up/down button is pressed it will select different tone.
- 4) Press the ON/OFF button or T/F button to select this tone.
- 5) When the alarm sounds, press the set button to turn it off.

## **SETTING THE CABLE TV MODE**

- 1) Press the SET button three times to enter the cable configuration mode.
- 2) CABL appears on the display.
- 3) Press the CH up/down button to select the cable mode (STD/IRC/HRC).
- 4) When the desired mode is reached, press the PWR button or T/F button to confirm.

#### **SETTING THE AIR TV MODE**

- 1) Press the SET button three times to enter the cable configuration mode
- 2) Press the SEEK button to select the AIR mode  
AIR appears on the display (switched from broadcast TV (VHF or UHF) to cable TV).
- 3) When the desired mode is reached, press the PWR button or T/F button to confirm.

#### **SETTING THE PRESETS (FOR AM AND FM RADIO OR TV MODES)**

- 1) Tune the desired channel
- 2) Press the SET button and the display flashes.
- 3) Selected desired Preset (P1, 2,3) and the LED adjacent to the preset will illuminate to Confirm selection.

## TECHNICAL SPECIFICATIONS

### GENERAL

Power Supply	AC100-240V ~50/60Hz 40watts
Operating Temperature	0°~40°C
Operating Humidity	10% ~ 75%
Body Size	352 X 259 X 47
Weight	1.8 Kg

### DISPLAY

Illumination	CCFL Edge Lit Tube
Backlighting Life Expectancy	10,000Hrs
Resolution	1440(W) X 234(H)
Screen	TFT LCD 7" Wide (Diagonal)

### MISC

TV Channels	VHF/UHF (2-69), 125 CABLE TV
TV System	NTSC
Radio Frequency Range	AM 530KHz – 1710KHz FM 87.5MHz – 107.9MHz
Audio output	1.2W / 8ohm (2 Speakers)

## TROUBLES SHOOTING

Problem	Solution
Poor Reception	<ul style="list-style-type: none"> <li>• Verify Tuner setting matches Antenna/Cable broadcast system.</li> </ul>
Remote control will not function	<ul style="list-style-type: none"> <li>• Verify that the sensor on the VE700 is not obstructed.</li> <li>• Verify that the infrared LED on the transmitter is not obstructed.</li> <li>• Check the condition of the remote control batteries.</li> </ul>
Black and White Reception	<ul style="list-style-type: none"> <li>• Verify Tuner setting matches Antenna/Cable broadcast system. Try other system types with the TV/CATV BUTTON of the remote control.</li> </ul>
No picture on screen	<ul style="list-style-type: none"> <li>• If unit is in AUX MODE and there is no video signal present, the screen will be blank.</li> <li>• Press the TV button to display the picture.</li> </ul>



## 90 DAY LIMITED WARRANTY

*Applies to Audiovox Video Products*

AUDIOVOX ELECTRONICS CORP. (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 90 days from the date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (at the Company's option) without charge for parts and repair labor.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the Company at the address shown below.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or to damage to tapes, discs, speakers, accessories, or electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 30 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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